

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	JP "2001339100"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/03/08 23:10
L2	2	JP "2002064112"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/03/08 23:12
S1	405	("20020117681" "20030044872" "20050056855" "5905276" "6066861" "6278136" "6281524" "RE36747")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:24
S2	216	(insulat\$3 or isolat\$3) and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:34
S3	1	10/588167	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:53
S5	1	WO "03044872"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/12 13:46
S6	3	"20050012109"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/12 13:53
S7	21	"6278136"	US-PGPUB;	OR	ON	2011/07/12

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:55
S8	1826	(LED or (light emitting)) with (encapsula\$4 or mold\$3 or envelop\$3 or seal\$3) with (advantag\$4 or improv\$3 or enhanc\$3 or increas\$3 or decreas\$3 or reduc\$3) with (lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/12 16:29
S9	773	(hole or recess or depression or trench) and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/12 16:30
S10	295	(LED or (light emitting)).ti. and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/12 16:31
S11	12	(hermetic\$4) and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/12 16:49
S13	3392	(257/103,).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:06
S14	4131	(257/99,).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:06
S15	1849	(257/94,).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:07
S16	901	(257/96,).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:07
S17	594	(257/97,).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:07
S19	5994	(257/98).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:07
S20	2701	(438/22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:07
S21	1319	(438/26).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:07
S22	1732	(438/46).CCLS.	US-PGPUB;	OR	OFF	2011/07/12

			USPAT; USOCR			18:08
S23	439	(438/212).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:08
S24	99	(438/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:08
S25	286	(257/e33.055).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:11
S26	795	(257/e33.056).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:11
S27	187	(257/e33.057).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:12
S28	415	(257/e33.058).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:12
S29	1650	(257/e33.059).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:12
S30	322	(257/e33.062).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/12 18:12
S31	51	(WIRTH near2 RALF).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/12 18:19
S32	215	(BRUNNER near2 HERBERT).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/12 18:19
S33	78	(ILLEK near2 STEFAN).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/12 18:19
S34	30	(EISSLER near2 DIETER).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/12 18:20
S35	2	JP "03177080"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	ADJ	ON	2011/07/12 18:30

			DERWENT; IBM_TDB			
S37	93055	(LED or (light emitting)).ti. and (hole or through or recess or trench)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/13 17:07
S38	4193	(active and clad\$4 and semiconductor) and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/13 17:08
S39	192	S38 and (insulat\$3 near4 (hole or recess or trench))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/13 17:10
S40	16	("20020053872" "20020137245" "20030047737" "20040012028" "20040016932" "20040188789" "20050018741" "20070241354" "20080031295" "4956683" "5373520" "5376580" "5696389" "5724376" "5837561" "6282219").PN. OR ("7719017").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2012/02/13 18:09
S41	470	"4956683" "5373520" "5376580" "5696389" "5724376" "5837561" "6282219" 2002/0053872 2002/0137245 2003/0047737 2004/0012028 2004/0016932 2004/0188789 2005/0018741 2007/0241354 2008/0031295	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/13 18:13
S42	468	S38 and (through (electrode or hole))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/13 18:43
S43	142	S38 and (through near4(active and clad\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/13 19:04
S44	474	(257/e33.062).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/02/13 19:19
S45	9063	active and clad\$4 and contact and (through near3 (electrode or hole or via or trench or recess))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	ADJ	ON	2012/02/14 11:57

			DERWENT; IBM_TDB			
S46	4799	((light emit\$4) or LED or optoelectro\$4) and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 11:58
S47	3873	(insulat\$3 or dielectric) and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 11:58
S48	2816	(wafer or carrier) and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 12:01
S49	1137	S48 and lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 12:03
S50	21	("5798536").PN. OR ("6404792").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2012/02/14 12:17
S51	2231	((LED or (light emitting)).ti. and ((hole or open\$3) near7 (through near5 (substrate or wafer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 19:19
S52	0	JP "8083929"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 21:03
S53	0	JP "883929"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 21:03
S54	1	JP "8-83929"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 21:03

S55	4	JP "8-255926"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/02/14 21:03
S56	4	("20070048973" "20080121903" "6037612" "6144043").PN. OR ("7842958").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2012/02/14 21:10
S58	248424	(via or hole or electrode) near10 (through or in or into) near10 (substrate or (active))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2012/03/08 21:15
S59	13125	(LED or (light emitting)).ti. and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/08 21:15
S60	1674	(clad\$4 and active) and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/08 21:16
S61	1	"5977565"	DERWENT	OR	ON	2012/03/08 21:54

EAST Search History (Interference)

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3/ 8/ 2012 11:12:38 PM
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